L Number	Hits	Search Text	DB	Time stamp
1	1171	204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.	USPAT; US-PGPUB	2004/05/11 15:03
3	121	(204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.) and ((gradient vary$ varia$) near3 "electric field")	USPAT; US-PGPUB	2004/05/11 15:20
4	66	((204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.) and ((gradient vary$ varia$) near3 "electric field")) and @py<2002	USPAT; US-PGPUB	2004/05/11 15:06
5	507	((gradient vary$ varia$) near3 "electric field") and (capillary microfluid$)	USPAT; US-PGPUB	2004/05/11 15:21
6	244	(((gradient vary$ varia$) near3 "electric field") and (capillary microfluid$)) and @py<2002	USPAT; US-PGPUB	2004/05/11 15:21
7	78	((((gradient vary$ varia$) near3 "electric field") and (capillary microfluid$)) and @py<2002) and capacit$	USPAT; US-PGPUB	2004/05/11 15:22
8	71	(((((gradient vary$ varia$) near3 "electric field") and (capillary microfluid$)) and @py<2002) and capacit$) not (((204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.) and ((gradient vary$ varia$) near3 "electric field")) and @py<2002)	USPAT; US-PGPUB	2004/05/11 15:52
9	105	electrowet$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/11 15:57
10	23	electrowet$ and @py<2002	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/11 15:57
-	1	10/087264	USPAT; US-PGPUB	2004/04/29 16:59
-	91	((204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.) and @py<2002) and (microfluid$ nanofluid$)	USPAT; US-PGPUB	2004/04/29 17:02
-	37	(((204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.) and @py<2002) and (microfluid$ nanofluid$)) and (dielectric$ permittiv$ polariz$)	USPAT; US-PGPUB	2004/05/05 15:46
-	21	"4818052"	USPAT; US-PGPUB	2004/04/29 17:13
-	39	"4505539"	USPAT; US-PGPUB	2004/04/29 17:15
-	7	"5181016"	USPAT; US-PGPUB	2004/04/29 17:15
-	1162	204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.	USPAT; US-PGPUB	2004/05/11 15:03
-	0	Griffith.in. and "optical switch"	USPAT; US-PGPUB	2004/05/03 15:16
-	6	Griffith.in. and "optical switch"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/03 15:17
-	104878	microfluid$ nanofluid$ capillar$	USPAT; US-PGPUB	2004/05/03 16:11
-	343858	electrode	USPAT; US-PGPUB	2004/05/03 16:12
-	298990	dielectric$ polariz$	USPAT; US-PGPUB	2004/05/03 16:13
-	503	(((microfluid$ nanofluid$ capillar$) and electrode and (dielectric$ polariz$)) and ((dielect$ polariz$ "dielectric constant") near4 (difference different$ contrast$ distin$))) and (capillary channel)	USPAT; US-PGPUB	2004/05/03 16:18
-	276	((((microfluid$ nanofluid$ capillar$) and electrode and (dielectric$ polariz$)) and ((dielect$ polariz$ "dielectric constant") near4 (difference different$ contrast$ distin$))) and (capillary channel)) and (capacit$)	USPAT; US-PGPUB	2004/05/03 16:18

-	120	(((((microfluid$ nanofluid$ capillar$) and electrode and (dielectric$ polariz$)) and ((dielect$ polariz$ "dielectric constant") near4 (difference different$ contrast$ distin$))) and (capillary channel)) and (capacit$)) and @py<2002	USPAT; US-PGPUB	2004/05/03 16:20
-	38	((((((microfluid$ nanofluid$ capillar$) and electrode and (dielectric$ polariz$)) and ((dielect$ polariz$ "dielectric constant") near4 (difference different$ contrast$ distin$))) and (capillary channel)) and (capacit$)) and @py<2002) and dielec$.clm.	USPAT; US-PGPUB	2004/05/03 16:20
-	0	204.547.ccls.	USPAT; US-PGPUB	2004/05/03 16:45
-	107	204/547.ccls.	USPAT; US-PGPUB	2004/05/03 16:46
-	62	204/547.cor.	USPAT; US-PGPUB	2004/05/03 16:52
-	10	"dielectric pumping"	USPAT; US-PGPUB	2004/05/03 16:52
-	678	(204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.) and @py<2002	USPAT; US-PGPUB	2004/05/04 13:19
-	5073	(microfluid$ nanofluid$ capillar$) and electrode and (dielectric$ polariz$)	USPAT; US-PGPUB	2004/05/05 08:43
-	5649	((204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.) and @py<2002) or ((microfluid$ nanofluid$ capillar$) and electrode and (dielectric$ polariz$))	USPAT; US-PGPUB	2004/05/04 13:21
-	16	(((204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.) and @py<2002) or ((microfluid$ nanofluid$ capillar$) and electrode and (dielectric$ polariz$))) and "continuous channel"	USPAT; US-PGPUB	2004/05/04 13:27
-	66	(((204/547.ccls. or 204/450.ccls. or 204/451.ccls. or 204/600.ccls. or 204/601.ccls. or 204/643.ccls.) and @py<2002) or ((microfluid$ nanofluid$ capillar$) and electrode and (dielectric$ polariz$))) and ("third fluid")	USPAT; US-PGPUB	2004/05/04 13:28
-	6738	microfluid$ nanofluid$	USPAT; US-PGPUB	2004/05/04 14:35
-	299716	dielect$ polariz$	USPAT; US-PGPUB	2004/05/04 14:36
-	185	((microfluid$ nanofluid$) and (dielect$ polariz$)) and (continu$ adj3 (channel stream ring enclos$ path))	USPAT; US-PGPUB	2004/05/04 14:40
-	34	(((microfluid$ nanofluid$) and (dielect$ polariz$)) and (continu$ adj3 (channel stream ring enclos$ path))) and @py<2002	USPAT; US-PGPUB	2004/05/04 15:28
-	49	((microfluid$ nanofluid$) and (dielect$ polariz$)) and ((indent$ barrier) near4 ("flow restriction" restrict$ reduc$ barrier))	USPAT; US-PGPUB	2004/05/04 15:33
-	6	(((microfluid$ nanofluid$) and (dielect$ polariz$)) and ((indent$ barrier) near4 ("flow restriction" restrict$ reduc$ barrier))) and @py<2002	USPAT; US-PGPUB	2004/05/04 15:31
-	99	((microfluid$ nanofluid$) and (dielect$ polariz$)) and ((indent$ narrow$ barrier $neck ((diameter radius) adj3 (reduc$ lower$ chang$ modif$))) near4 ("flow restriction" restrict$ reduc$ barrier))	USPAT; US-PGPUB	2004/05/04 15:38
-	9	(((microfluid$ nanofluid$) and (dielect$ polariz$)) and ((indent$ narrow$ barrier $neck ((diameter radius) adj3 (reduc$ lower$ chang$ modif$))) near4 ("flow restriction" restrict$ reduc$ barrier))) not ((((microfluid$ nanofluid$) and (dielect$ polariz$)) and ((indent$ barrier) near4 ("flow restriction" restrict$ reduc$ barrier))) and @py<2002) and @py<2002	USPAT; US-PGPUB	2004/05/04 15:41
-	38	((microfluid$ nanofluid$) and (dielect$ polariz$)) and (reservoir near5 (gas vapor))	USPAT; US-PGPUB	2004/05/04 15:42
-	7	(((microfluid$ nanofluid$) and (dielect$ polariz$)) and (reservoir near5 (gas vapor))) and @py<2002	USPAT; US-PGPUB	2004/05/04 15:44
-	7	((microfluid$ nanofluid$) and (dielect$ polariz$)) and "taper$" and @py<2002	USPAT; US-PGPUB	2004/05/04 15:51
-	190	((microfluid$ nanofluid$) and (dielect$ polariz$)) and pump$ and @py<2002	USPAT; US-PGPUB	2004/05/04 16:21
-	62	((microfluid$ nanofluid$) and (dielect$ polariz$)) and pump$ and @py<2002 and (204/$.ccls. 210/$.ccls. 417/$.ccls.)	USPAT; US-PGPUB	2004/05/04 16:23

-	197	(microfluid$ nanofluid$ capillar$) and electrode and (dielectric$ polariz$)	EPO; JPO; DERWENT	2004/05/05 08:44
-	162	((microfluid$ nanofluid$ capillar$) and electrode and (dielectric$ polariz$)) and @py<2002	EPO; JPO; DERWENT	2004/05/05 08:44
-	1706	(microfluid$ nanofluid$) and (dielect$ polariz$)	USPAT; US-PGPUB	2004/05/05 12:54
-	24	((microfluid$ nanofluid$) and (dielect$ polariz$)) and (resist$ near3 electrode)	USPAT; US-PGPUB	2004/05/05 13:03
-	36	((microfluid$ nanofluid$) and (dielect$ polariz$)) and (heat$4 near3 electrode)	USPAT; US-PGPUB	2004/05/05 13:05
-	8	(((microfluid$ nanofluid$) and (dielect$ polariz$)) and (heat$4 near3 electrode)) and @py<2002	USPAT; US-PGPUB	2004/05/05 13:05
-	19766	parallel near4 "electrodes"	USPAT; US-PGPUB	2004/05/05 15:47
-	118	(parallel near4 "electrodes") and microfluid$	USPAT; US-PGPUB	2004/05/05 15:47
-	107	((parallel near4 "electrodes") and microfluid$) and (dielectr$ permitt$ polariz$)	USPAT; US-PGPUB	2004/05/05 15:48
-	17	(((parallel near4 "electrodes") and microfluid$) and (dielectr$ permitt$ polariz$)) and @py<2002	USPAT; US-PGPUB	2004/05/05 16:32
-	151	"4390403"	USPAT; US-PGPUB	2004/05/05 16:32
-	2	4818052.pn. 4505539.pn.	USPAT; US-PGPUB	2004/05/06 10:38
-	0	2204710.rlan. 2207522.rlan.	EPO	2004/05/06 10:36
-	0	2204710A 2207522A	EPO	2004/05/06 10:37
-	2	"2204710" "2207522"	EPO	2004/05/06 10:37
-	2	(4818052.pn. 4505539.pn.) or ("2204710" "2207522")	EPO	2004/05/06 10:38
-	0	(4818052.pn. 4505539.pn.) and ("2204710" "2207522")	EPO	2004/05/06 10:37
-	4	(4818052.pn. 4505539.pn.) or ("2204710" "2207522")	USPAT; US-PGPUB; EPO	2004/05/06 10:38
-	0	((4818052.pn. 4505539.pn.) or ("2204710" "2207522")) and hydrophobic	USPAT; US-PGPUB; EPO	2004/05/06 10:39
-	1	((4818052.pn. 4505539.pn.) or ("2204710" "2207522")) and coating	USPAT; US-PGPUB; EPO	2004/05/06 10:41
-	0	((4818052.pn. 4505539.pn.) or ("2204710" "2207522")) and hydrophilic	USPAT; US-PGPUB; EPO	2004/05/06 10:41
-	3	((4818052.pn. 4505539.pn.) or ("2204710" "2207522")) and layer	USPAT; US-PGPUB; EPO	2004/05/06 11:45
-	1	GB08717697A	USPAT; US-PGPUB; EPO	2004/05/06 11:46
-	0	"8717697"	USPAT; US-PGPUB; EPO	2004/05/06 11:46
-	876482	GB "08717697"	USPAT; US-PGPUB; EPO	2004/05/06 11:46
-	0	"08717697"	USPAT; US-PGPUB; EPO	2004/05/06 11:47
-	0	19870725.rlad.	EPO; DERWENT	2004/05/06 11:47
-	0	2204710A.pn. 2207522A.pn.	EPO	2004/05/11 12:26